

The following claims are presented for examination:

- 1. (currently amended)** A power amplifier for driving a load, the power amplifier further comprising a resistive element connected at an output thereof to maintain a low impedance at the output across a range of operational frequencies.
- 2. (previously presented)** The power amplifier of claim 1 further including a transistor for receiving a signal to be amplified at an input and for providing an amplified signal at the output.
- 3. (previously presented)** The power amplifier of claim 1 wherein the output is adapted for connection to a modulated power supply.
- 4. (previously presented)** The power amplifier of claim 3 wherein the output is adapted for connection to a modulated power supply via a supply feed inductance.
- 5. (previously presented)** The power amplifier of claim 1 wherein said resistive element comprises a resistor.
- 6. (previously presented)** The power amplifier of claim 1 further comprising a reactive element connected in series with said resistive element.
- 7. (previously presented)** The power amplifier of claim 6 wherein said reactive element comprises a capacitive element or an inductive element in series with a capacitive element.
- 8. (previously presented)** The power amplifier of claim 7 wherein said inductive element comprises a conductive element of said circuit.
- 9. (previously presented)** The power amplifier of claim 8 wherein said conductive element comprises a part of a conductive track or a bond wire.
- 10. (previously presented)** The power amplifier of claim 7 wherein said inductive element comprises an inductor.
- 11. (previously presented)** The power amplifier of claim 7 wherein said capacitive element comprises a capacitor.
- 12. (previously presented)** The power amplifier of claim 2 wherein the signal to be amplified is a radio frequency signal.

13. (currently amended) A power amplifier circuit for driving a load, the power amplifier circuit further comprising:

a transistor for receiving a signal to be amplified at an input and for outputting an amplified signal at an output;

a modulated power supply connected to the transistor output; and

a resistive element connected at the transistor output such that a low impedance is maintained at the transistor output across a range of operational frequencies.

14. (currently amended) A method of maintaining a low impedance across a range of operational frequencies in a power amplifier for driving a load, the method comprising providing a resistive element at an output of the power amplifier.

15. (previously presented) The method of claim 14 further comprising providing a reactive element connected in series with said resistive element.